

# PATENT ABSTRACTS OF JAPAN

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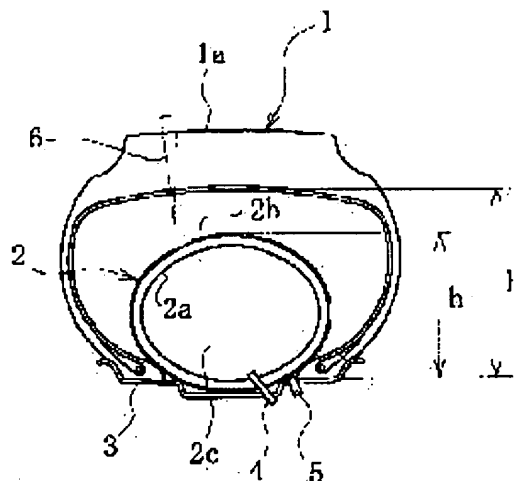
(22)Date of filing : 26.09.2000 (72)Inventor : TAKATSUKI TETSUYA

## (54) SAFETY PNEUMATIC TIRE

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a safety pneumatic tire, simply structured, allowing easy manufacturing and rim assembling with low material cost, and excellent in fuel saving performance and safety.

SOLUTION: A hollow toroidal core 2 reinforced by a reinforcing layer 2b comprising spiral cords so as to have a ratio of the diametral increase of less than 10% is disposed inside a tubeless tire 1, keeping the inflation pressure of the core 2 nearly at the same level as that of the tubeless tire 1 while the ratio  $h/H$  of the core height  $h$  under the pressure to the maximum height  $H$  of the inner circumferential surface inside the tread part at  $1/3 \leq h/H \leq 4/5$ .



## LEGAL STATUS

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